

REMOTE DIRECT MEMORY ACCESS FOR iSCSI

ABSTRACT OF THE DISCLOSURE

A storage networking device provides remote direct memory access to its buffer memory, configured to store storage networking data. The storage networking device may be particularly adapted to transmit and receive iSCSI data, such as iSCSI input/output operations. The storage networking device comprises a controller and a buffer memory. The controller manages the receipt of storage networking data and buffer locational data. The storage networking data advantageously includes at least one command for at least partially controlling a device attached to a storage network. Advantageously, the storage networking data may be transmitted using a protocol adapted for the transmission of storage networking data, such as, for example, the iSCSI protocol. The buffer memory advantageously is configured to at least temporarily store at least part of the storage networking data at a location within the buffer memory that is based at least in part on the locational data.

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